



1998 might be best remembered at AEDC for some high-level visits, new facilities coming on line and reengineering. Whitten Peters, acting Secretary of the Air Force (left), discusses testing capabilities of the center's DECADE nuclear weapons effects testing facility with, from left, AEDC Commander Col. Michael Heil, Ken Brandon and Mike Zmuda. DECADE began its first test last year.

# A look back at 1998



Capt. Kerri Cole, left, welcomes guests to Club Arnold's open house May 15.



Like every year AEDC people were eager to lend a helping hand at the regional Special Olympics in Tullahoma April 24.



Joe Babilon and daughter, Kaley, have fun at Nashville Sounds' AEDC Day May 7



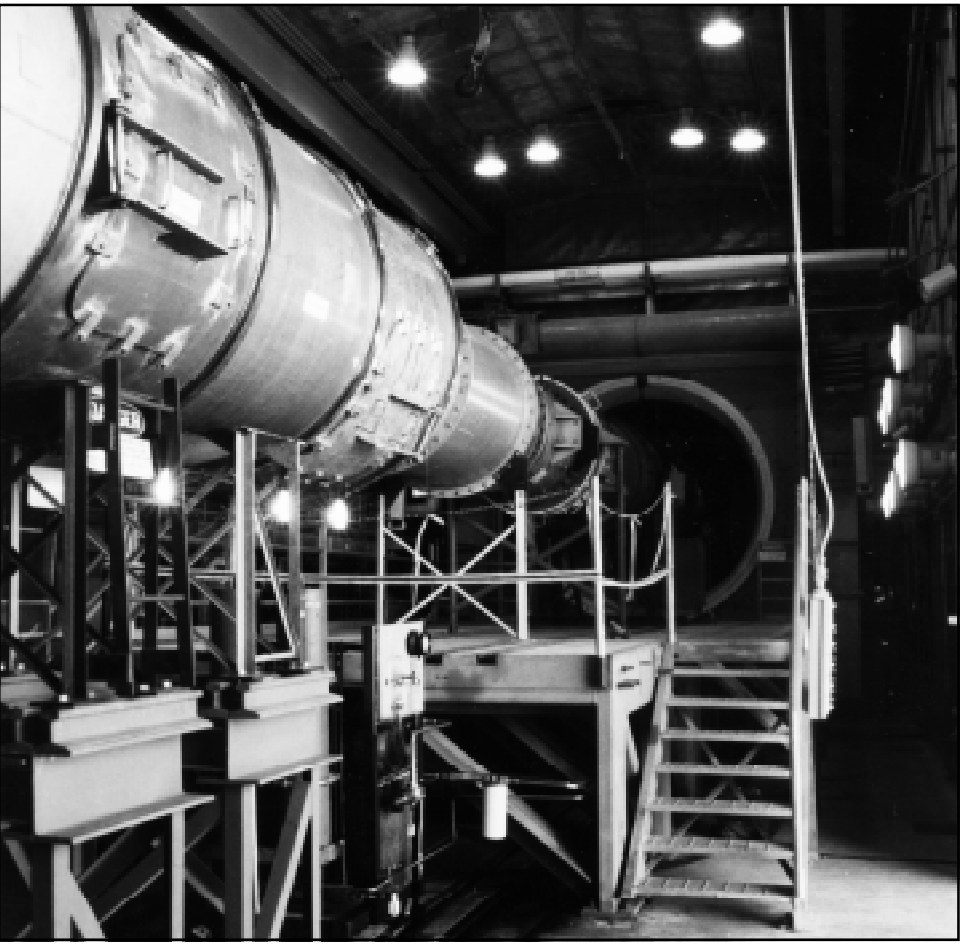
A major maintenance project on the center's Propulsion Wind Tunnel test facility started in 1998.



Col. Michael Heil, right, assumed command of AEDC from former commander Col. Robert Chedister, center. AFMC Commander Gen. George Babbitt officiated the change-of-command ceremony.



Drilling specialists from Boart Longyear, under contract from CH2M Hill Inc., drill one of 15 monitor wells near the Old Manchester-Tullahoma Highway. The wells are used by the Environmental Management Division to monitor how well the groundwater capture and treatment system is working at the Coffee County landfill cap.



Engine test cell SL3 (above) was one of three major facilities coming on line in 1998.



AEDC patrolman Jesse Simmons (front) and security forces lead Houston Harris help Reserve OSI special agent Andy Chirigotis, who played a hostage taker, during a Sept. 16 major multi-agency hostage exercise.



Bob Ficarro (left) of Lockheed Martin Skunk Works and 2nd Lt. Jason Lind inspect munition models for the stealth F-117A Stealth Fighter in the 4-foot transonic wind tunnel.



Col. Farley Smith briefs members of the Air Force Board, who were among a number of high-level DoD visitors the center hosted in 1998.

## January

DECADE RUNS FIRST TEST — AEDC enters the nuclear weapons effects testing arena as the DECADE facility ran its first test for the Navy Trident missile program.

NEW ENGINE FOR BOEING 777 TESTED — The Pratt & Whitney 4098 commercial jet engine was tested in AEDC's test cell C-2 under flight conditions. The 4098 is scheduled for use in Boeing's stretch version of the 777 airliner.

## February

PWT DRYER FUNDED — AEDC's \$10 million atmospheric air dryer should be up and running by the year 2000. Congress overrode a presidential line item veto of the proposed expenditure Feb. 5.

ACS ISO COMPLIANCE VALIDATED — ACS earns ISO-9000 compliance designation from Georgia Tech quality experts.

AEDC RESPONSE TO BOMBER CRASH — AEDC emergency response personnel played a key role at the crash site of a B1-B Lancer strategic bomber near Mattoon, Ky. The aircraft was destroyed, but the crew members ejected safely.

## March

STATE'S FIRST LADY VISITS — Tennessee first lady Martha Sundquist addresses the AEDC Woman's Club, talking about life the executive residence.

WELL DRILLING — Three drilling specialists from Boart Longyear, under contract from CH2M Hill Inc., drill seven solvent recovery wells at Installation Restoration Program Site 8, located behind the Model Shop. The site was used up to 1972 as a leaching pit to neutralize acids and solvents used during metal cleaning.

ONE STAR VISITOR — Brig. Gen. Todd Stewart, AFMC installations and support chief operating officer, visited AEDC and toured environmental projects on base.

BUDGET SHORTFALL — A \$1.2 million AEDC budget shortfall forces ACS to eliminate four full-time and 12 temporary positions and to reduce services.

## April

CLUB ARNOLD ARRIVES — Services announces Club Arnold concept.

Tullahoma and the Westwood Elementary School in Manchester participated in the Earth Day celebration on base April 21-22.

RECYCLING CENTER OPENS — AEDC's new recycling center was formally opened on April 22 with a ribbon cutting ceremony. The center consists of a baler, a worm composting facility, and an used oil space heater. The worm composting facility's 300,000 worms recycle more than 250 pounds of food scraps and paper pieces daily.

## May

WOODS RESERVOIR CLEANUP - 110 volunteers from AEDC and the local community teamed together to pick up six tons of trash in and near the shoreline of Woods Reservoir on May 2.

TAKE ME OUT TO THE BALLGAME — Nashville Sounds baseball team hosted AEDC day May 7.

QUALITY OF LIFE SURVEY — A base survey indicates government personnel rank AEDC's quality of life 14 percent higher than the Air Force Materiel Command average.

AIR FORCE CHIEF SCIENTIST VISITS — Air Force Chief Scientist Dr.

Daniel Hastings addresses University of Tennessee Space Institute's commencement and then tours AEDC's facilities.

PRESSURE SENSITIVE PAINT — Sverdrup senior engineer Dr. Wim Ruyten earns AEDC's yearly Technical Achievement Award for his work with Pressure Sensitive Paint.

## June

STORM WATER DRAINAGE SYSTEM FILMED — Environmental officials videotaped 76,500 linear feet of the AEDC underground storm water drainage system. The videotape completed on June 4 shows cracks and leakage in the system.

PRESIDENTIAL QUALITY AWARD — AEDC earns a quality merit award through the President's Quality Award Program. NEW AEDC WEB SITE — A new center Web site debuts at www.arnold.af.mil with improved features over the old site.

TWO INDUCTED AS AEDC FELLOWS — W.A. "Alvis" Turrentine, a long-time Sverdrup engineer, and Dr. Eugene Sanders, a long-time Air Force engineer, earn recognition as AEDC Fellows. This was the tenth group of Fellows inducted.

## July

CHANGE OF COMMAND — Col. Michael Heil, former Air Force Materiel Command's Inspector General, assumes command of AEDC. Former commander Col. Robert Chedister moved to the Pentagon to become program executive officer for airlift and trainers.

ECAMP INSPECTION — The overall result of the AFMC environmental compliance assessment and management program (ECAMP) inspection July 13-17 was that AEDC had an excellent environmental program and operational procedures plus management committed to environmental stewardship. TURBINE ENGINE TESTING ISO CONFORMANCE —Georgia Tech quality experts determine Sverdrup to be in conformance with ISO 9001 requirements.

AEDC TESTS SUPPORT FIRST DELTA III LAUNCH — Critical qualification tests in the Mark I space simulation chamber of the payload faring (shroud) and in J-4 rocket test cell of the RL-10 upper stage engine and nozzle were performed prior to first launch of the new Boeing Delta III launch vehicle.

## August

TRENTON TRANSITION TEST CELLS — AEDC officials cut the ribbon on two new AEDC facilities — SL-2 and SL-3. The new cells allow AEDC to test systems exposed to sea-level conditions such as desert and saltwater atmospheres.

AIR FORCE SECRETARY VISITS — Acting Secretary of the Air Force F. Whitten Peters visits AEDC, touring several major facilities and calling the center a benchmark for the Air Force's future because of its success with outsourcing.

## September

LITTER CLOSES AREA — On 24 Sept., base officials were forced to close a Woods Reservoir recreational area to the public because of litter. The area was shut down after the Tennessee Department of Environment and Conservation issued the base a "notice of violation" for litter and garbage left at the site by visitors.

KIMZEY RETIRES — Sverdrup Senior Vice President Dr. Bill Kimzey retired. He was a former general manager of Sverdrup's AEDC group and an AEDC Fellow.

ACQUISITION CHIEF VISITS — The Air Force's top military

acquisition chief, Lt. Gen. Gregory S. Martin, toured AEDC facilities and was briefed on the center's infrastructure needs.

COOLING TOWER PROJECT APPROVED — AEDC's \$11.6 million test facilities cooling tower project receives the official OK as President Clinton signs the Military Construction Appropriations bill into law

PWT DRYER CONTRACT — AEDC awards contract to build new atmospheric dryer for PWT.

## October

REJPO PHASE ONE STARTS — The Reengineering Joint Program Office rolls our its first phase. It includes asset management, work orders and human resources software modules.

JOINT ACS/SVERDRUP OFFICE FORMS — "ESHQ Services" consolidates ACS and Sverdrup quality, safety, industrial hygiene/health and environment into one organization.

AIR FORCE BAND PERFORMS LOCALLY — The Air Force Concert Band and Singing Sergeants perform at Middle Tennessee State University and the University of the South.

RAB BECOMES A CAB — Charles King, AEDC co-chair, puts his signature on the charter Oct. 13 officially changing the AEDC Restoration Advisory Board to a Community Advisory Board. Other members are community co-chair Tony Thompson along with Phyllis Adams of Manchester, Jack Turner of Manchester, Stephen Cope of Tullahoma, William Prince of Winchester, and Ted Hackney of Manchester.

NEW ACS DEPUTY GM — ACS names Bob Schwer as deputy general manager, replacing retiring Jim Sanders.

## November

CFC RECORD SET — AEDC sets Combined Federal Campaign record, raising \$50,87. The old record was \$32,142.

AIR FORCE BOARD VISITS — The 16-member Air Force Board visits AEDC to get an update on the center's infrastructure.

ECONOMIC IMPACT ESTIMATED — AEDC's local economic impact for fiscal 1998 estimated at \$404 million. The center is the major employer in the area and creates some 2,242 secondary jobs in the local area.

WELL SAMPLING PROGRAM ENDS — On Nov. 2, the results were in from 56 private off-base water wells and streams sampled by the AEDC environmental management division. The sampling accomplished in cooperation with the Environmental Protection Agency and Tennessee Department of Environment and Conservation was done as part of the AEDC installation restoration program.

ENERGY SAVINGS STUDY — AEDC signs contract with Tennessee Valley Authority, permitting TVA specialists to scrutinize AEDC and its infrastructure to see where energy can be saved.

LANDFILL CAP COMPLETED — Construction of the 97-acre Coffee County landfill cap is completed Nov. 9. The \$2.1 million project was started in February 1997.

TONS OF TRASH — More than 100 volunteers from AEDC and the local community picked up four tons of trash Nov. 7 during the second annual Woods Reservoir cleanup day.

MINUTEMAN ICBM TESTS — Testing of a Minuteman III Stage II Consolidated Qualification Program motor will help qualify a new manufacturer for the nation's ballistic missile strategic defense program.

## December

SPACE STATION MILESTONE — First U.S. space station element launches aboard the Space Shuttle. AEDC has played a role in testing components of the station.

STEALTH FIGHTER TESTS — AEDC performs weapons separation tests on two munitions for the F-117A Nighthawk stealth fighter.

NEW DITCH DUG — AEDC team averts potential test stoppage by digging a drainage ditch in 10 days that alleviated test facility water run-off flow problems.

ICE STORM PUTS AREA IN DARK — An ice storm cripples the area, causing the majority of people in the AEDC area to lose power over several days of the Christmas holiday.